

EC CERTIFICATE TYPE EXAMINATION (MODULE B)

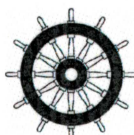
This is to certify that:

DNV GL SE, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	45 386 - 16 HH
Applicant	Glamox Production GmbH & Co. KG Glasower Weg 5 17166 Teterow, GERMANY
Manufacturer	Glamox Production GmbH & Co. KG Glasower Weg 5 17166 Teterow, GERMANY
Product Description	Navigation Lights Series 44
Product Name	Series 44
Trade Name	Series 44
Specified Standards	COLREG Annex I/14, IMO Res. A.694(17), IMO Res. MSC.253(83) EN 14744 (2005) including AC (2006), IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008).
Related Directive	(EU) 2015/559
Equipment Section	Equipment required under COLREG 72
Annex A.1 Item No.	A.1/6.1
Date of Issue	2016-07-19
Expiry Date	2021-07-18

DNV GL SE

Notified Body No.: 0098




Christine Mydlak-Röder

Certificate No: 45 386 - 16 HH

Date of Issue: 2016-07-19

Schedule of Approval

Approval Documentation

Test report : TR-11422 Rev. 0.a dated 2016-05-25 and TR-10722 dated 18-03-2010
 Operating Manual for Navigation Lights Series AQUA SIGNAL 44 9420118500 dated 08-04-2016
 Drawings:
 7365200500 dated 12-02-2016 series 44 stern,
 7365100500 dated 12-02-2016 series 44 port,
 7365000500 dated 12-02-2016 series 44 starboard
 Series 44 Technology Statement dated 17-06-2016

Technical Data

Navigation Lights with LED technology
 Starboard
 Stern
 Port

Supply: 12V/24V DC ±20%

Consumption: Starboard, Stern each approx. 1,0W
 Port approx. 1,3W

Remarks

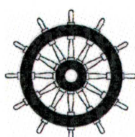
None

Limitations on the acceptance or use of the product

None

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE, as the Notified Body, of any modifications or changes to the approved equipment. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.